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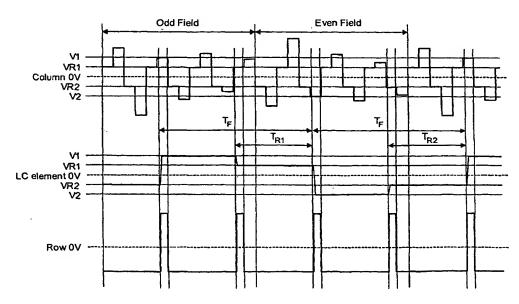
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(54) Title: ACTIVE MATRIX DISPLAYS AND DRIVE CONTROL METHODS



(57) Abstract: A method of controlling an active matrix LCD involves providing a pixel drive signal to each pixel for storage on the pixel for a first period of time and providing a second drive voltage to each pixel for a second period of time, wherein the durations of the first and second periods of time are controlled to vary the pixel light output. In this method, each pixel is driven in two stages. For the first stage, the pixel data voltages remain constant, and in the second stage a different voltage is applied to the pixels. The light output from the pixels is modified by altering the durations of the two stages. This avoids the need for additional adjustable voltage sources to enable compensation for temperature and other conditions.



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